

Form 3160-4
(September 2001)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Oil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other

b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr., Other

2. Name of Operator
Yates Petroleum Corporation

3. Address
105 S. 4th Str., Artesia, NM 88210

3a. Phone No. (include area code)
505-748-1471

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface 1650'FNL & 1650'FEL (Unit G, SWNE)
At top prod. Interval reported below Same as above
At total depth Same as above

5. Lease Serial No.
NM-101585

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
Lady Luck AUV Fed Com #1

9. API Well No.
30-015-32523

10. Field and Pool, or Exploratory
Crow Flats Morrow

11. Sec., T., R., M., on Block and Survey or Area
33-T16S-R27E

12. County or Parish
Eddy

13. State
New Mexico

14. Date Spudded
RH 11/24/02 RT 11/26/02

15. Date T.D. Reached
12/29/02

16. Date Completed
2/2/03
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
3412'GL

18. Total Depth: MD 9040'
TVD

19. Plug Back T.D.: MD 9002'
TVD

20. Depth Bridge Plug Set: MD NA
TVD NA

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CNL, Azimuthal Laterolog

22. Was Well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	State Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
	20"		Surface	40'		Conductor			
14-3/4"	9-5/8"	36#	Surface	1372'		1000 sx		Surface	
8-3/4"	7"	26#	Surface	7203'		1800 sx		Surface	
6-1/8"	4-1/2"	11.6#	7000'	9040'		190 sx			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-3/8"	8843'	8843'						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Morrow	8928'	8933'	8928'-8933'	.38"	24	Producing
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

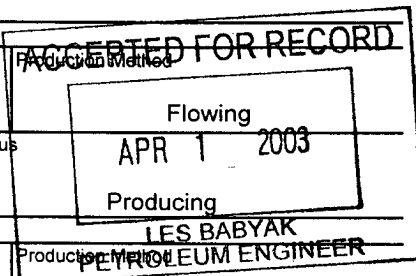
Depth Interval	Amount and Type of Material

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
2/3/03	2/19/03	24 hrs	⇒	1	925	138	NA	NA	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press. Packer	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
	510 psi		⇒	1	925	138	NA		Producing

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			⇒						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
SI			⇒						



28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production ⇒	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ⇒	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers): Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	31. Formation (Log) Markers
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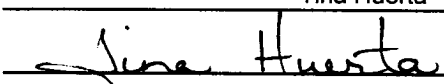
Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas Depth
				San Andres	1294'
				Glorieta	2684'
				Yeso	2880'
				Abo	4802'
				Wolfcamp	5960'
				Upper Penn	7680'
				Strawn	8164'
				Atoka	8472'
				Morrow	8640'
				Chester	9022'

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:			
1. Electrical/Mechanical Logs (1 full set req'd.)	2. Geologic Report	3. DST Report	4. Directional Survey
5. Sundry Notice for plugging and cement verification	6. Core Analysis	7. Other:	

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tina Huerta Title Regulatory Compliance Supervisor

Signature  Date March 25, 2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

OPERATOR: YATES PETROLEUM CORP.
WELL/LEASE: LADY LUCK AUV FED. COM. 1
COUNTY: EDDY

005-0015

STATE OF NEW MEXICO
DEVIATION REPORT

494	1/4	8,015	2 1/4
884	3	8,157	2 1/2
971	3 1/2	8,265	2
1,066	3	8,487	3
1,155	2	8,579	2 3/4
1,345	1 1/2	8,676	4 3/4
1,562	3/4	8,739	5 1/2
2,068	1	8,803	5 3/4
2,544	1 1/4	8,832	6
3,018	2 1/2	8,927	6 1/2
3,145	3	9,040	6 1/2
3,241	3 1/4		
3,305	2 1/2		
3,368	2 1/2		
3,438	2 3/4		
3,526	3 1/4		
3,654	2 1/2		
3,948	2		
4,197	1		
4,680	1/2		
5,158	1/4		
5,317	1 3/4		
5,540	3 1/4		
5,699	2		
5,954	2		
6,208	3/4		
6,684	1/4		
7,158	1		
7,664	3		
7,759	2 1/4		
7,916	2 3/4		



By: Steve Moore

STATE OF TEXAS

COUNTY OF MIDLAND

The foregoing instrument was acknowledged before me on this 10th day of January, 2003, by Steve Moore on behalf of Patterson-UTI Drilling Company LP, LLLP.

Joni D. Hodges
Notary Public for Midland County, Texas

My Commission Expires: 3/31/2003

